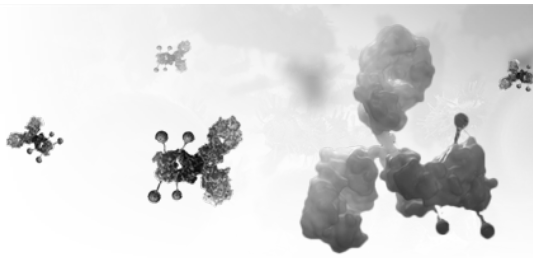

Mouse anti-Human FARSA polyclonal antibody (DPAB-DC946)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. This gene encodes a product which is similar to the catalytic subunit of prokaryotic and Saccharomyces cerevisiae phenylalanyl-tRNA synthetases (PheRS). This gene product has been shown to be expressed in a tumor-selective and cell cycle stage- and differentiation-dependent manner, the first member of the tRNA synthetase gene family shown to exhibit this type of regulated expression
Immunogen	FARSLA (NP_004452, 101 a.a. ~ 201 a.a) partial recombinant protein with GST tag. The sequence is KVGFSKAMSNKWIRVDKSAADGPRVFRVVDSMEDEVQRRLQLVRGGQAEKLGEKERSELR KRKLLAEVTLKTYWVSKGSAFSTSISKQETELSPEMISSGS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	FARSA phenylalanyl-tRNA synthetase, alpha subunit [Homo sapiens (human)]
Official Symbol	FARSA
Synonyms	FARSA; phenylalanyl-tRNA synthetase, alpha subunit; FRSA; CML33; FARSL; PheHA; FARSLA; phenylalanine--tRNA ligase alpha subunit; pheRS; phenylalanine--tRNA ligase alpha chain; phenylalanyl-tRNA synthetase alpha chain; phenylalanine-tRNA synthetase alpha-subunit; phenylalanine tRNA ligase 1, alpha, cytoplasmic; phenylalanyl-tRNA synthetase-like, alpha subunit; phenylalanine-tRNA synthetase-like, alpha subunit;
Entrez Gene ID	2193
Protein Refseq	NP_004452
UniProt ID	Q6IBR2
Chromosome Location	19p13.2
Pathway	Aminoacyl-tRNA biosynthesis; Aminoacyl-tRNA biosynthesis, eukaryotes; Cytosolic tRNA aminoacylation; tRNA Aminoacylation.
Function	ATP binding; phenylalanine-tRNA ligase activity; poly(A) RNA binding; protein binding

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